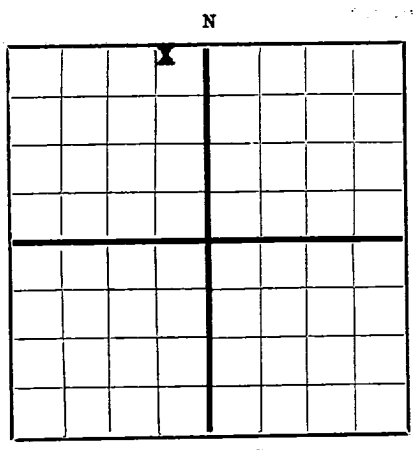
DUPLICATE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

RECEIVED
1951
OIL CONSERVATION COMM.
HOBBS, OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Barney Cockburn — Artesia, New Mexico

Cockburn State Company or Operator 4 NE NE NW 32 Address 17 S

Well No. 33 E in Lease Maljamar of Sec. Lea, T.

R. 330, N. M. P. M., 2970 Field, 32-17-33 County.

Well is feet south of the North line and feet west of the East line of

If State land the oil and gas lease is No. E-398 Assignment No. Original

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is , Address

Drilling commenced Sept. 8 19 51 Drilling was completed Nov. 12 19 51

Name of drilling contractor Barney Cockburn , Address Artesia, N. M.

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 4275 to 4293 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 110 to 125 feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
7"	17	8	S.H.	1223	Reg.				Surface string
5½"	14 & 17	8 & 10	S.H.	4096	Reg.				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
8-3/4"	7"	1223	50	Halliburton		
6¼"	5½	4096	120	ditto		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
Dump	shot	Nitro-glycerine	85	11-10-51	4274-4293	4298

Results of shooting or chemical treatment Well made approximately 30 barrels per day before shot. Produced 40 barrels per day after shot.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 1223 feet, and from feet to feet

Cable tools were used from 1223 feet to 4298 feet, and from feet to feet

PRODUCTION

Put to producing Nov. 12, 19 51

The production of the first 24 hours was 40 barrels of fluid of which % was oil; %

emulsion; % water; and % sediment. Gravity, Be

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

George Sands, Driller J. W. Mellis, Driller

Dallas McCasland, Driller , Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 29 day of November, 19 51

Jewel Street
Notary Public

My Commission expires May 31, 1953

Artesia, N. M. (Place) 11-29-51 (Date)

Name Barney Cockburn

Position Owner

Representing Barney Cockburn
Company or Operator

Address Box 105, Artesia, N. M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40		Soil & sand
40	409		Sand & shells
409	631		Red bed
631	835		Red bed & shells
835	954		Shale, rock, shells
954	1044		Red bed & lime
1044	1130		shale
1130	1223		Lime
1223	1235		Red rock
1235	1410		Anhy.
1410	1455		Anhy. & salt
1455	1485		Anhy, shells & salt
1485	1850		Salt
1850	2025		Poly. & Salt
2025	2240		Salt
2240	2260		Anhy.
2260	2310		Anhy. Poly & salt
2310	2365		Salt & Anhy.
2365	2415		Salt & Poly. shells
2415	2480		Anhy.
2480	2515		Anhy. & red rock
2515	2620		Anhy.
2620	2630		Anhy & R. rock
2630	2665		Broken anhy. & sandy shale
2665	2700		Anhy. & red shale
2700	2915		Anhy.
2915	2945		Anhy. & gray sandy shale
2945	3170		Anhy.
3170	3190		Anhy & lime
3190	3245		Lime
3245	3305		Anhy. & lime
3305	3455		Anhy.
3455	3475		Anhy & lime
3475	3505		Anhy.
3505	3525		Anhy. & lime
3525	3595		Anhy.
3595	3610		Red sand
3610	3655		Anhy. & lime
3655	3675		B. lime
3675	3695		Anhy. & lime
3695	3715		Gray lime
3715	3720		Anhy.
3720	3730		Gray lime
3730	3790		Anhy.
3790	3810		Anhy. & lime
3810	3854		Anhy.
3854	3860		Lime
3860	3885		Anhy.
3885	3925		Gray lime
3925	3940		Lime
3940	3960		Anhy.
3960	3995		Lime
3995	4005		Gray lime
4005	4083		Lime
4083	4203		Lime
4203	4210		W. lime
4210	4226		Lime
4226	4235		W. lime
4235	4248		Lime (show of oil & gas)
4248	4294		Sandy lime
4294	4298		Sand